

Delta Independent Science Board Educational Briefing Questionnaire

Please provide short written responses to the following:

1. Program Title: Lower Feather River Corridor Management Plan (LFRCMP)

2. Lead Agency/Department for Program: Department of Water Resources

3. Brief Description of Program:

The corridor management strategy (CMS), developed by the Interagency Flood Management Collaborative Program, is an approach designed to support integrated management of the flood control system for public safety, water supply, and the ecosystem. A corridor management plan (CMP) is developed when CMS is applied to a portion of the flood control system to integrate and address the needs of all three elements to provide for a sustainably functioning corridor.

DWR has initiated development of a CMP on a 20-mile reach of the lower Feather River, from Yuba City to the Sutter Bypass as its first pilot for CMS. The LFRCMP will include strategies for managing and maintaining flood protection facilities, flood conveyance channels, floodplains and associated uplands; and developing a habitat restoration plan and policies for compatible land uses such as agriculture and recreation within the corridor. Participation in the work group informing development of the plan includes representatives from USACE, USFWS, NMFS, DFG, CVRWQCB, CVFPB, Sutter County, Yuba County, TRLIA, SBFCA, LD1, RD 784, RD 1001, Sutter RCD, River Partners, AECOM, cbec, MBK, and H.T. Harvey and Associates.

4. Purpose and Objectives of Program:

A primary goal of a CMP is to inform management actions in a corridor over a long-term period to address flood control, water supply, and ecosystem needs in an integrated and sustainable manner. The LFRCMP is being designed to have a flexible long-term plan for maintenance and restoration activities that facilitates necessary maintenance to benefit public safety while also enhancing the ecosystem and improving water management. A key objective of the LFRCMP will be to provide a foundation for securing programmatic regulatory agency approvals for ongoing maintenance activities and habitat restoration. Processes and approaches developed in this pilot effort will support application of CMS to other portions of the flood control system.

5. Timeline for Program Objectives:

LFRCMP development was initiated June 2010. The plan is targeted for completion in August 2012. Preparation of a CEQA document and permit applications for maintenance and restoration activities will follow.

6. Current Status of Program: In progress

7. Contact Information for Lead Staff of this Program:

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8. Associated Total Budget for Program: Plan, including 2D modeling based on current bathymetry and LiDAR developed for the Central Valley Flood Protection Plan - \$842,000; estimated budget for CEQA and permitting - \$360,000. Funding level needed for implementation is undetermined pending completion of the plan; funding sources for implementation are unknown at this time.

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9. URL, if a Website is Available: <http://www.water.ca.gov/floodmgmt/fmo/msb/lfrcmp/>

10. How does adaptive management play a role in your program?

A CMP must be adaptable to changing conditions in the channel, changes in regulations, and changes in our understanding of best management practices. The LFRCMP work group is currently working on the best adaptive management strategy to incorporate in the LFRCMP. The Management actions in the CMP will be re-evaluated on a recurring interval and changed if doing so would provide significant benefits to public safety, the ecosystem, or management efficiency without compromising the integrity of the flood control system.

11. Any additional information that would be helpful to understand the program:

Thank you very much for taking the time to respond to this questionnaire. Please return your completed questionnaire to Gina Ford (gina.ford@deltacouncil.ca.gov) no later than October 6, 2011.